

70596 U.S. PTO  
06/86470  
07/01/97  
Class  
Subclass  
ISSUE CLASSIFICATION  
SCANNED AT

5841377

UTILITY SERIAL NUMBER	PATENT DATE NOV 24 1998	PATENT NUMBER
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SERIAL NUMBER	FILING DATE	CLASS	SUBCLASS	GROUP ART UNIT	EXAMINER
				2819	

3/6 (over)

Any

Reissue  
09/17/98

Foreign priority claimed 35 USC 119 conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	AS FILED	STATE OR COUNTRY	SHEETS DRWGS.	TOTAL CLAIMS	INDEP. CLAIMS	FILING FEE RECEIVED	ATTORNEY'S DOCKET NO.
Verified and Acknowledged	Examiner's Initials							

ADDRESS

TITLE

U.S. DEPT. OF COMM./PAT. & TM—PTO-436L (Rev.12-94)

PARTS OF APPLICATION  
FILED SEPARATELY

NOTICE OF ALLOWANCE MAILED

6/17/98

ISSUE FEE \$

Amount Due \$1320.00 Date Paid 01/11/98

Label  
Area

Assistant Examiner

BRIAN K. YOUNG  
PRIMARY EXAMINER  
GROUP 2100  
Primary Examiner

PREPARED FOR ISSUE

CLAIMS ALLOWED

Total Claims 15 Print Claim 1

DRAWING

Sheets Drwg. 9 Figs. Drwg. 9 Print Fig. 1

ISSUE  
BATCH  
NUMBER F42

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PATENT NUMBER

ORIGINAL CLASSIFICATION

SUBCLASS

APPLICATION SERIAL NUMBER

APPLICANT'S NAME (PLEASE PRINT)

IF REISSUE, ORIGINAL PATENT NUMBER

CROSS REFERENCE(S)

CLASS

SUBCLASS (ONE SUBCLASS PER BLOCK)

08/ 886,470  
Takamizawa et al.

382

248

INTERNATIONAL CLASSIFICATION

H 03 M

7/00

GROUP  
ART UNIT

ASSISTANT EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

PRIMARY EXAMINER (PLEASE STAMP OR PRINT FULL NAME)

2819

BR / HNC / OCMG

ISSUE CLASSIFICATION SLIP

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE